

CENTRAL INTELLIGENCE AGENCY  
HEADQUARTERS EXPANSION  
BID PACKAGE 3SP  
SUPPLY CONTRACT - PUMPS

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PROJECT MANUAL

FOR

BID PACKAGE 3SP  
SUPPLY CONTRACT - PUMPS

FOR

HEADQUARTERS EXPANSION  
CENTRAL INTELLIGENCE AGENCY  
WASHINGTON, D.C.SMITH, HINCHMAN & GRYLLS ASSOCIATES, INC.  
ARCHITECTS - ENGINEERS - PLANNERS  
455 WEST FORT STREET  
DETROIT, MICHIGAN 48226PROJECT NO. 13155 BP-3SP  
DECEMBER 1, 1983

\*\*\*END OF SECTION

CENTRAL INTELLIGENCE AGENCY  
HEADQUARTERS EXPANSION  
BID PACKAGE 3SP  
SUPPLY CONTRACT - PUMPS

SECTION 00015

PAGE 1

DATE 11/28/33

TIME 17.929

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7	10)	00033ATTA	ATTACHMENT 'A' TO STANDARD FORM 33
	11)		(PUMPS)
7	12)	00033M	+MODIFICATION TO STANDARD FORM 33
7	13)	-	+SOLICITATION INSTRUCTIONS AND CONDITIONS
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7	31)	15610	CONDENSER WATER PUMPS
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\*\*\*END OF SECTION

7 1)

CENTRAL INTELLIGENCE AGENCY  
HEADQUARTERS EXPANSION  
BID PACKAGE 3SP  
SUPPLY CONTRACT - PUMPS

SECTION 00033ATTA PAGE 1  
DATE 11/29/83 TIME 18.443  
ATTACHMENT 'A' TO SF33  
(PUMPS)

- ( T2 2) ATTACHMENT 'A'  
3) TO SF33  
4) (PUMPS)
- 7 5)
- 7 6) CONTRACT GS-11C-.....
- 7 7) BIDDER'S NAME: .....
- 7 8)
- 7 9) 1. BID PRICE FOR SEVEN CONDENSER WATER PUMPS, F.O.B. PROJECT SITE:  
7 10) ..... DOLLARS  
7 11) (\$.....)
- 7 12) 2. DELIVERY SCHEDULE  
7 13) IN ACCORDANCE WITH SECTION 01310.
- 7 14) 3. DATE BY WHICH BIDDER MUST RECEIVE APPROVED SHOP DRAWINGS,  
15) PRODUCT DATA AND RELATED SUBMITTALS IN ORDER TO MEET  
16) SPECIFIED DELIVERY DATE:  
7 17) ..... 1984.

\*\*\*END OF SECTION

HEADQUARTERS EXPAN N  
BID PACKAGE 3SP  
SUPPLY CONTRACT - PUMPS

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- 1 1) 1. DEFINITIONS
- 2 2) THE CONTRACT DOCUMENTS
- 3 3) THE CONTRACT DOCUMENTS CONSIST OF THE SUPPLY CONTRACT (BETWEEN THE
- 4) GOVERNMENT AND THE CONTRACTOR), THE CONDITIONS OF THE CONTRACT
- 5) (GENERAL AND SUPPLEMENTAL PROVISIONS, SPECIAL CONDITIONS, AND RELATED
- 6) DOCUMENTS), THE DRAWINGS, THE SPECIFICATIONS, AND ALL ADDENDA ISSUED
- 7) PRIOR TO AND ALL CHANGES ISSUED AFTER EXECUTION OF THE CONTRACT.
- 8) CHANGES ARE DEFINED IN CLAUSE NO. 2 OF THE GENERAL PROVISIONS.
- 2 9) THE PROJECT
- 3 10) THE PROJECT IS THE TOTAL CONSTRUCTION OF WHICH THE SUPPLIES FURNISHED
- 11) UNDER THE CONTRACT DOCUMENTS ARE A PART.
- 2 12) THE ARCHITECT
- 3 13) THE ARCHITECT IS:
- 7 14) SMITH, HINCHMAN & GRYLLS ASSOCIATES, INC.
- 15) 455 WEST FORT STREET
- 16) DETROIT, MICHIGAN 48226
- 3 17) THE TERM "ARCHITECT" MEANS THE ARCHITECT OR HIS AUTHORIZED
- 18) REPRESENTATIVE.
- 2 19) THE CONTRACTOR
- 3 20) THE CONTRACTOR IS THE INDIVIDUAL, PARTNERSHIP, JOINT VENTURE, OR
- 21) CORPORATION NAMED IN THE SUPPLY CONTRACT, REFERRED TO FROM TIME TO
- 22) TIME, AS "SUPPLY CONTRACTOR", FOR PURPOSES OF CLARIFICATION.
- 2 23) THE INSTALLING CONTRACTOR

SPECIAL CONDITIONS  
(SUPPLY CONTRACT)

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CENTRAL INTELLIGENCE AGENCY  
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SUPPLY CONTRACT - PUMPS

3 24) THE INSTALLING CONTRACTOR IS THE ORGANIZATION WHOSE CONTRACT WITH THE  
25) GOVERNMENT FOR WORK ON THE PROJECT INCLUDES RESPONSIBILITY FOR  
26) RECEIVING, TRANSPORTING AFTER RECEIPT, STORING AS APPROPRIATE AND  
27) INSTALLING THE SUPPLIES. THE INSTALLING CONTRACTOR WILL BE THE  
28) CONTRACTOR FOR BID PACKAGE 3 - POWERHOUSE.

2 29) BENEFICIAL ACCEPTANCE

3 30) BENEFICIAL ACCEPTANCE FOR ANY ITEM OF SUPPLIES IS THE DATE THE  
31) GOVERNMENT PLACES THAT ITEM IN USE FOR ITS INTENDED PURPOSE,  
32) SUBSEQUENT TO ONSITE OPERATION FOR START-UP AND TESTING.

2 33) MISCELLANEOUS DEFINITIONS

3 34) THE TERM "SUPPLIES" SHALL BE READ TO INCLUDE WITHOUT LIMITATION RAW  
35) MATERIALS, COMPONENTS INTERMEDIATE ASSEMBLIES AND END PRODUCTS TO BE  
36) FURNISHED UNDER THE CONTRACT. (REFER TO CLAUSE NO. 5 OF THE GENERAL  
37) PROVISIONS).

3 38) THE TERM "PER" MEANS "IN ACCORDANCE WITH THE REQUIREMENTS OF".

3 39) THE TERM "AS APPROVED" MEANS, "OR EQUAL" AS DESCRIBED IN ARTICLE  
40) NO. 32 OF THE GSA SUPPLEMENTAL PROVISIONS.

1 41)

## 2. NONPUBLICITY

2 42) IT IS A SPECIFIC CONDITION OF THE CONTRACT THAT THE CONTRACTOR SHALL NOT  
43) USE OR ALLOW TO BE USED ANY ASPECT OF THIS AGREEMENT FOR PUBLICITY OR  
44) ADVERTISEMENT PURPOSES.

2 45) IT IS FURTHER UNDERSTOOD THAT THIS OBLIGATION SHALL NOT EXPIRE UPON  
46) COMPLETION OR TERMINATION OF THE CONTRACT BUT WILL CONTINUE INDEFINITELY.

2 47) THE CONTRACTOR MAY REQUEST A WAIVER OR RELEASE FROM THE FOREGOING BUT  
48) SHALL NOT DEVIATE THEREFROM UNLESS SO AUTHORIZED IN WRITING BY THE  
49) GOVERNMENT.

1 50)

## 3. BIDDING REQUIREMENTS

2 51) BIDDER SHALL ENTER IN SECTION 00033ATTA, "ATTACHMENT 'A' TO SF33  
52) (PUMPS)", ALL INFORMATION REQUESTED. REFER TO STANDARD FORM 33-A.

3 53) BID PRICE SHALL BE A LUMP SUM FOR DELIVERY OF THE SPECIFIED SUPPLIES  
54) F.O.B. PROJECT SITE BY THE DATE SPECIFIED IN SECTION 01310, "SCHEDULE  
55) AND TIME OF COMPLETION".

3 56) IN ESTABLISHING DATE BY WHICH BIDDER MUST RECEIVE SHOP DRAWINGS,  
57) PRODUCT DATA AND RELATED SUBMITTALS IN ORDER TO MEET THE SPECIFIED  
58) DELIVERY DATE, BIDDER SHALL CONSIDER THE FACT THAT FOR EACH SUBMITTAL,  
59) ARCHITECT WILL REQUIRE 14 CALENDAR DAYS FROM DATE SUBMITTAL ENTERS  
60) ARCHITECT'S OFFICE UNTIL THE SUBMITTAL LEAVES TO RETURN TO THE  
61) CONTRACTOR.

1 62)

## 4. FOREIGN OWNERSHIP CONTROL OR INFLUENCE

2 63) VENDORS RESPONDING TO THIS REQUEST FOR PROPOSAL (RFP) ARE ADVISED THAT IT  
64) IS THE GOVERNMENT'S INTENT TO SECURE SERVICES OR EQUIPMENT FROM FIRMS  
65) WHICH ARE NOT UNDER FOREIGN OWNERSHIP, CONTROL, OR INFLUENCE (FOCI) OR  
66) WHERE ANY FOCI MAY, IN THE OPINION OF THE GOVERNMENT ADVERSELY IMPACT ON  
67) GOVERNMENT SECURITY REQUIREMENTS. ACCORDINGLY, ALL FIRMS RESPONDING TO  
68) THIS RFP OR INITIATING PERFORMANCE OF A CONTRACT ARE REQUIRED TO SUBMIT A  
69) DOD FORM 441S (CERTIFICATE PERTAINING TO FOREIGN INTERESTS) WITH THEIR  
70) PROPOSAL OR PRIOR TO CONTRACT PERFORMANCE (AS APPROPRIATE). DOD FORM 441S  
71) ENTRIES SHALL SPECIFY, WHERE NECESSARY, THE IDENTITY, NATURE, DEGREE, AND  
72) IMPACT OF ANY FOCI ON THEIR ORGANIZATION OR ACTIVITIES.

2 73) NOTWITHSTANDING THE LIMITATION ON CONTRACTING WITH A VENDOR UNDER FOCI  
 74) IDENTIFIED ABOVE, THE GOVERNMENT RESERVES THE RIGHT TO CONTRACT WITH SUCH  
 75) FIRMS UNDER APPROPRIATE ARRANGEMENTS, WHEN IT DETERMINES THAT SUCH  
 76) CONTRACTS WILL BE IN THE BEST INTEREST OF THE GOVERNMENT.

1 77)

## 5. ADMINISTRATION OF THE CONTRACT

2 78) THE GOVERNMENT

3 79) THE CONTRACT WILL BE ADMINISTERED BY THE CONTRACTING OFFICER ON BEHALF  
 80) OF THE UNITED STATES OF AMERICA (REFERRED TO THROUGHOUT THE CONTRACT  
 81) DOCUMENTS AS THE GOVERNMENT).

2 82) THE ARCHITECT

3 83) THE ARCHITECT, (AS REQUIRED BY SEPARATE CONTRACT) UNDER SUPERVISION OF  
 84) THE GOVERNMENT, WILL, AS PERTINENT TO THIS SUPPLY CONTRACT:

4 85) PROVIDE REVIEW AND APPROVAL OF ALL SHOP DRAWINGS, PRODUCT DATA,  
 86) SAMPLES, SCHEDULES, ETC., SUBMITTED BY THE CONTRACTOR.

4 87) REVIEW AND CERTIFY THE VALIDITY OF THE CONTRACTOR'S APPLICATIONS  
 88) FOR PAYMENT.

2 89) COMMUNICATIONS

3 90) THE CONTRACTOR SHALL FORWARD ALL COMMUNICATIONS TO THE ARCHITECT  
 91) THROUGH THE CONTRACTING OFFICER.

1 92)

## 6. LIQUIDATED DAMAGES

2 93) REFER TO ARTICLE 11 - DEFAULT, OF THE GENERAL PROVISIONS. REDESIGNATE  
 94) PARAGRAPHS 11(F) AND 11(G) THEREIN AS 11(G) AND 11(H) RESPECTIVELY, AND  
 95) INSERT THE FOLLOWING:

7 96) (F) (I) IN THE EVENT THE GOVERNMENT EXERCISES ITS RIGHT OF  
 97) TERMINATION AS PROVIDED IN PARAGRAPH (A) ABOVE, THE  
 98) CONTRACTOR SHALL BE LIABLE TO THE GOVERNMENT FOR EXCESS  
 99) COSTS AS PROVIDED IN PARAGRAPH (B) ABOVE AND, IN ADDI-  
 100) TION, FOR LIQUIDATED DAMAGES, IN THE AMOUNT OF  
 101) \$500.00 AS FIXED, AGREED, AND LIQUIDATED DAMAGES  
 102) FOR EACH CALENDAR DAY OF DELAY, UNTIL SUCH TIME AS THE  
 103) GOVERNMENT MAY REASONABLY OBTAIN DELIVERY OF SIMILAR  
 104) SUPPLIES OR PERFORMANCE OF SIMILAR SERVICES.

7 105) (II) IF THE CONTRACT IS NOT SO TERMINATED, NOTWITHSTANDING  
 106) DELAY, AS PROVIDED IN PARAGRAPH (A) ABOVE, THE CONTRACT-  
 107) OR SHALL CONTINUE PERFORMANCE AND BE LIABLE TO THE  
 108) GOVERNMENT FOR SUCH LIQUIDATED DAMAGES FOR EACH CALENDAR  
 109) DAY OF DELAY UNTIL THE SUPPLIES ARE DELIVERED OR SER-  
 110) VICES PERFORMED.

7 111) (III) THE CONTRACTOR SHALL NOT BE LIABLE FOR LIQUIDATED  
 112) DAMAGES FOR DELAYS DUE TO CAUSES WHICH WOULD RELIEVE  
 113) HIM FROM LIABILITY FOR EXCESS COSTS AS PROVIDED IN PARA-  
 114) GRAPH (C) OF THIS CLAUSE.

SECTION 00110  
 DATE 11/29/83 TIME 18.443  
 SPECIAL CONDITIONS  
 (SUPPLY CONTRACT)

SH8G 13155 8P-3SP  
 CENTRAL INTELLIGENCE AGENCY  
 HEADQUARTERS EXPANSION  
 BID PACKAGE 3SP  
 SUPPLY CONTRACT - PUMPS

## 7. WARRANTIES AND GUARANTIES

1 115)

2 116) WARRANTY

3 117) THE CONTRACTOR WARRANTS TO THE GOVERNMENT THAT ALL SUPPLIES FURNISHED  
 118) UNDER THIS CONTRACT WILL BE NEW UNLESS OTHERWISE SPECIFIED, AND THAT  
 119) ALL WORK WILL BE OF GOOD QUALITY, FREE FROM FAULTS AND DEFECTS AND IN  
 120) CONFORMANCE WITH THE CONTRACT DOCUMENTS. ALL WORK NOT CONFORMING TO  
 121) THESE REQUIREMENTS, INCLUDING SUBSTITUTIONS NOT PROPERLY APPROVED AND  
 122) AUTHORIZED, MAY BE CONSIDERED DEFECTIVE. IF REQUIRED BY THE CONTRACT  
 123) DOCUMENTS OR THE CONTRACTING OFFICER, THE CONTRACTOR SHALL FURNISH  
 124) SATISFACTORY EVIDENCE AS TO THE KIND AND QUALITY OF SUPPLIES  
 125) FURNISHED. THIS WARRANTY IS NOT LIMITED BY THE PROVISIONS FOR  
 126) CORRECTION OF DEFECTIVE OR NON-CONFORMING WORK HEREIN.

2 127) CORRECTION OF DEFECTS

3 128) IF, WITHIN ONE YEAR AFTER BENEFICIAL ACCEPTANCE BY THE OWNER OF  
 129) DESIGNATED SUPPLIES OR WITHIN SUCH LONGER PERIOD OF TIME AS MAY BE  
 130) PRESCRIBED BY LAW OR BY THE TERMS OF ANY APPLICABLE SPECIAL WARRANTY  
 131) REQUIRED BY THE CONTRACT DOCUMENTS, ANY SUPPLIES ARE FOUND TO BE  
 132) DEFECTIVE OR NOT IN ACCORDANCE WITH THE CONTRACT DOCUMENTS, THE  
 133) CONTRACTOR SHALL MAKE CORRECTION PROMPTLY AFTER RECEIPT OF A WRITTEN  
 134) NOTICE FROM THE GOVERNMENT TO DO SO, UNLESS IN THE PUBLIC INTEREST THE  
 135) GOVERNMENT CONSENTS TO ACCEPT SUCH SUPPLIES WITH AN APPROPRIATE  
 136) ADJUSTMENT IN CONTRACT PRICE. THIS OBLIGATION SHALL SURVIVE  
 137) TERMINATION OF THE CONTRACT.

2 138) PRIOR TO FINAL PAYMENT, SUBMIT TO THE CONTRACTING OFFICER A WARRANTY FOR  
 139) THE SUPPLIES FURNISHED. THE WARRANTY SHALL BE IN TRIPLICATE IN THE FORM  
 140) SHOWN IN SECTION 00110A, "APPENDIX 'A' - WARRANTY".

## 8. LAWS, ORDINANCES AND REGULATIONS

1 141)

2 142) THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL  
 143) LAWS, ORDINANCES, AND REGULATIONS, AND SHALL REQUIRE SUCH COMPLIANCE, BY  
 144) ALL OTHER PERSONS WITH WHOM HE SHALL ENTER INTO ANY CONTRACT PERTAINING  
 145) TO THE WORK. THE CONTRACTOR SHALL BE LIABLE FOR AND INDEMNIFY AND HOLD  
 146) HARMLESS THE GOVERNMENT, AND THE ARCHITECT AND THEIR RESPECTIVE  
 147) CONSULTANTS, AGENTS AND EMPLOYEES FROM ANY AND ALL LIABILITY OR DAMAGE  
 148) ARISING BY REASON OF THE BREACH OF THE PROVISIONS HEREIN SET FORTH.

2 149) IT IS NOT THE RESPONSIBILITY OF THE CONTRACTOR TO MAKE CERTAIN THAT THE  
 150) CONTRACT DOCUMENTS ARE IN ACCORDANCE WITH APPLICABLE LAWS, ORDINANCES AND  
 151) REGULATIONS. HOWEVER, IF THE CONTRACTOR OBSERVES THAT ANY OF THE CONTRACT  
 152) DOCUMENTS ARE AT VARIANCE THEREWITH IN ANY RESPECT, HE SHALL PROMPTLY  
 153) NOTIFY THE CONTRACTING OFFICER AND ANY NECESSARY CHANGES SHALL BE  
 154) ACCOMPLISHED BY APPROPRIATE CHANGE ORDER.

2 155) IF THE CONTRACTOR PERFORMS ANY WORK KNOWING IT TO BE CONTRARY TO SUCH  
 156) LAWS, ORDINANCES, AND REGULATIONS, AND WITHOUT SUCH NOTICE TO THE  
 157) CONTRACTING OFFICER, HE SHALL ASSUME FULL RESPONSIBILITY THEREFOR AND  
 158) SHALL BEAR ALL COSTS ATTRIBUTABLE THERETO.

## 9. PATENT INDEMNITY

1 159)

2 160) REFER TO CLAUSE NO. 39 OF THE SUPPLEMENTAL PROVISIONS. EDIT INTERNALLY AS  
 161) FOLLOWS:

3 162) FOLLOWING THE WORD "EMPLOYEES" IN THE FIRST SENTENCE, INSERT THE  
 163) PHRASE "AND THE ARCHITECT, AND HIS CONSULTANTS, AGENTS AND  
 164) EMPLOYEES".

10. INSURANCE

- 1 165)
- 2 166) PROPERTY INSURANCE
- 3 167) THE CONTRACTOR SHALL PURCHASE AND MAINTAIN PROPERTY INSURANCE FOR THE  
168) FULL CONTRACT VALUE THEREOF UPON SUPPLIES FOR WHICH ANY PAYMENT HAS  
169) BEEN MADE AND SUPPLIES WHICH HAVE BEEN DELAYED IN SHIPMENT AT THE  
170) GOVERNMENT'S REQUEST.
- 3 171) THE CONTRACTOR SHALL FILE TWO CERTIFIED COPIES OF ALL POLICIES WITH  
172) THE CONTRACTING OFFICER BEFORE EXPOSURE TO LOSS CAN OCCUR. IF THE  
173) GOVERNMENT IS DAMAGED BY THE FAILURE OF THE CONTRACTOR TO MAINTAIN  
174) SUCH INSURANCE AND TO SO NOTIFY THE CONTRACTING OFFICER, THEN THE  
175) CONTRACTOR SHALL BEAR ALL REASONABLE COSTS PROPERLY ATTRIBUTABLE  
176) THERETO.
- 2 177) TRANSIT INSURANCE
- 3 178) THE CONTRACTOR SHALL PURCHASE AND MAINTAIN DURING SHIPMENT TRANSIT  
179) INSURANCE FOR THE FULL CONTRACT VALUE THEREOF UPON SUPPLIES FOR WHICH  
180) ANY PAYMENT HAS BEEN MADE.

11. SUCCESSORS AND ASSIGNS

- 1 181)
- 2 182) THE GOVERNMENT AND THE CONTRACTOR EACH BINDS ITSELF, ITS PARTNERS,  
183) SUCCESSIONS, ASSIGNS AND LEGAL REPRESENTATIVES TO THE OTHER PARTY HERETO  
184) AND TO THE PARTNERS, SUCCESSIONS, ASSIGNS AND LEGAL REPRESENTATIVES OF  
185) SUCH OTHER PARTY IN RESPECT TO ALL COVENANTS, AGREEMENTS AND OBLIGATIONS  
186) CONTAINED IN THE CONTRACT DOCUMENTS. NEITHER PARTY TO THE CONTRACT SHALL  
187) ASSIGN THE CONTRACT OR SUBLET IT AS A WHOLE WITHOUT THE WRITTEN CONSENT  
188) OF THE OTHER.

12. WRITTEN NOTICE

- 1 189)
- 2 190) WRITTEN NOTICE SHALL BE DEEMED TO HAVE BEEN DULY SERVED IF DELIVERED IN  
191) PERSON TO THE INDIVIDUAL OR MEMBER OF THE FIRM OR ENTITY OR TO AN OFFICER  
192) OF THE CORPORATION FOR WHOM IT WAS INTENDED, OR IF DELIVERED AT OR SENT  
193) BY REGISTERED OR CERTIFIED MAIL TO THE LAST BUSINESS ADDRESS KNOWN TO HIM  
194) WHO GIVES THE NOTICE.

13. CLAIMS FOR DAMAGES

- 1 195)
- 2 196) SHOULD EITHER PARTY TO THE CONTRACT SUFFER INJURY OR DAMAGE TO PERSON OR  
197) PROPERTY BECAUSE OF ANY ACT OR OMISSION OF THE OTHER PARTY OR OF ANY OF  
198) HIS EMPLOYEES, AGENTS OR OTHERS FOR WHOSE ACTS HE IS LEGALLY LIABLE,  
199) CLAIM SHALL BE MADE IN WRITING TO SUCH OTHER PARTY WITHIN A REASONABLE  
200) TIME AFTER THE FIRST OBSERVANCE OF SUCH INJURY OR DAMAGE.

14. RIGHTS AND REMEDIES

- 1 201)
- 2 202) THE DUTIES AND OBLIGATIONS IMPOSED BY THE CONTRACT DOCUMENTS AND THE  
203) RIGHTS AND REMEDIES AVAILABLE THEREUNDER SHALL BE IN ADDITION TO AND NOT  
204) A LIMITATION OF ANY DUTIES, OBLIGATIONS, RIGHTS AND REMEDIES OTHERWISE  
205) IMPOSED OR AVAILABLE BY LAW.
- 2 206) NO ACTION OR FAILURE TO ACT BY THE CONTRACTING OFFICER, ARCHITECT OR  
207) CONTRACTOR SHALL CONSTITUTE A WAIVER OF ANY RIGHT OR DUTY AFFORDED ANY OF  
208) THEM UNDER THE CONTRACT, NOR SHALL ANY SUCH ACTION OR FAILURE TO ACT  
209) CONSTITUTE AN APPROVAL OF OR ACQUIESCENCE IN ANY BREACH THEREUNDER,  
210) EXCEPT AS MAY BE SPECIFICALLY AGREED IN WRITING.



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 CENTRAL INTELLIGENCE AGENCY  
 HEADQUARTERS EXPANSION  
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 SUPPLY CONTRACT - PUMPS

SECTION C0110 PA 6  
 DATE 11/29/83 TIME 10.443  
 SPECIAL CONDITIONS  
 (SUPPLY CONTRACT)

15. ASSIGNMENT OF CONTRACT

211) THE GOVERNMENT RESERVES AND IS HEREBY GRANTED THE RIGHT TO ASSIGN THIS  
 212) CONTRACT TO THE INSTALLING CONTRACTOR AND MAKE IT A PART OF THE CONTRACT  
 213) FOR BID PACKAGE 3. THE SUPPLY CONTRACTOR AGREES THAT, WHEN SUCH  
 214) ASSIGNMENT IS MADE, HE WILL WORK UNDER THE INSTALLING CONTRACTOR IN THE  
 215) SAME MANNER AS HE WOULD HAD THE CONTRACT BEEN ORIGINALLY AWARDED TO HIM  
 216) BY THE INSTALLING CONTRACTOR, AND THAT HE WILL BE BOUND TO AND ASSUME  
 217) TOWARD THE INSTALLING CONTRACTOR ALL THE OBLIGATIONS AND RESPONSIBILITIES  
 218) THAT HE, BY HIS CONTRACT, ASSUMES TOWARD THE GOVERNMENT. IN CASE OF  
 219) ASSIGNMENT, PAYMENTS TO THE SUPPLY CONTRACTOR WILL BE BY THE INSTALLING  
 220) CONTRACTOR.  
 221)

\*\*\*END OF SECTION

2) WARRANTY

3)

4) PROJECT TITLE AND LOCATION .....

5) .....

6) .....

7) GOVERNMENT CONTRACT NUMBER .....

8) ARCHITECT PROJECT NUMBER/

9) CONTRACT IDENTIFIER .....

10) CONTRACTOR PROJECT NUMBER .....

11) WARRANTED SUPPLIES .....

12) .....

13) SPECIFICATION SECTION AND

14) LINE NUMBER REFERENCE .....

15) LENGTH OF WARRANTY (YEARS) .....

16) CONTRACTOR .....

17) SUBCONTRACTOR .....

18) THE UNDERSIGNED HERewith WARRANT THAT THE ABOVE SUPPLIES HAVE BEEN

19) MANUFACTURED IN CONFORMANCE WITH THE REQUIREMENTS OF THE CONTRACT

20) DOCUMENTS FOR THE PROJECT/CONTRACT NAMED AND WARRANT SAID SUPPLIES TO

21) PERFORM WITHOUT FAILURE AS SPECIFIED FOR THE ABOVE STATED PERIOD OF TIME

22) STARTING ON ..... 198..... AND ENDING ON .....198.....

23) THIS WARRANTY DOES NOT APPLY TO FAILURE TO PERFORM DUE TO ABUSE OR

24) NEGLIGENCE BY THE GOVERNMENT OR OTHERS OR DAMAGE BY VANDALISM.

25) SUBCONTRACTOR (IF APPLICABLE):

26) SIGNED .....

27) .....

28) TITLE .....

29) NOTARY .....

30) DATE .....

31) CONTRACTOR:

32) SIGNED .....

33) .....

34) TITLE .....

35) NOTARY .....

36) DATE .....

\*\*\*END OF SECTION

SH8G 13155 BP-  
CENTRAL INTELLIGENCE AGENCY  
HEADQUARTERS EXPANSION  
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SECTION 01310 PAGE 1  
DATE 11/23/83 TIME 17.929  
SCHEDULE AND TIME OF COMPLETION

ARTICLE

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SCHEDULE

3

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7 1)

7 2)

1 3)

2 4) MILESTONE DATES.

7 5) INVITATION FOR BIDS

7 6) BID OPENING

7 7) CONTRACT AWARD

7 8) NOTICE TO PROCEED

7 9) DELIVERY OF SEVEN PUMPS

7 10) TENTATIVE BENEFICIAL

11) ACCEPTANCE OF THE

12) SEVEN PUMPS

SCHEDULE

FEBRUARY 1, 1984.

MARCH 1, 1984.

APRIL 1, 1984.

APRIL 1, 1984.

NOVEMBER 1, 1984.

APRIL 1, 1985.

\*\*\*END OF SECTION

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- 1 1) 1. GENERAL
- 2 2) REFER TO SECTION 01340A, "APPENDIX 'A' - GOVERNMENT'S REVIEW STAMP".  
3) WITH FIRST SUBMISSION OF SHOP DRAWINGS, ETC., FURNISH TO CONTRACTING  
4) OFFICER FOUR RUBBER STAMPS IN THE FORM SHOWN IN APPENDIX 'A'. FAILURE TO  
5) FURNISH THESE STAMPS MAY BE CAUSE FOR REJECTION OF THE SUBMITTED  
6) MATERIAL.
- 2 7) SCHEDULE SHOP DRAWING, PRODUCT DATA AND SAMPLE SUBMITTALS FOR  
8) INTER-RELATED ITEMS AT THE SAME TIME.
- 2 9) SHOP DRAWINGS SUBMITTED WHICH ARE NOT REQUIRED BY THE SPECIFICATIONS OR  
10) THE CONTRACTING OFFICER WILL BE RETURNED WITH NO COMMENT.
- 1 11) 2. DESCRIPTIONS AND SUBMITTALS
- 2 12) MODEL NUMBERS, RATINGS, PERFORMANCE CHARACTERISTICS AND OTHER PERTINENT  
13) DATA SHALL BE CLEARLY MARKED AND IDENTIFIED ON SUBMITTALS. INFORMATION  
14) PERTAINING TO SEVERAL SIZES OR GRADES OF ONE CLASSIFICATION OF SUPPLIES  
15) OR TO SEVERAL COMPONENTS OF A SPECIFIC SYSTEM, SHALL BE BOUND TOGETHER  
16) AND CLEARLY IDENTIFIED. EQUIPMENT OR PRODUCT, SHALL BE BOUND TOGETHER AND  
17) CLEARLY IDENTIFIED. WHERE PRINTED MATERIALS DESCRIBE MORE THAN ONE  
18) PRODUCT OR MODEL, CLEARLY IDENTIFY WHICH IS TO BE FURNISHED.
- 2 19) SHOP DRAWINGS
- 3 20) SHOP DRAWINGS ARE DRAWINGS, DIAGRAMS, SCHEDULES AND OTHER DATA  
21) SPECIALLY PREPARED FOR THE WORK BY THE CONTRACTOR OR ANY  
22) SUBCONTRACTOR, MANUFACTURER, SUPPLIER OR DISTRIBUTOR TO ILLUSTRATE  
23) SOME PORTION OF THE WORK.
- 3 24) SUBMIT SHOP DRAWINGS IN THE FORM OF ONE REPRODUCIBLE TRANSPARENCY AND  
25) TWO COPIES (PRINTED FROM THE TRANSPARENCY). DO NOT SEND MORE THAN THE  
26) SPECIFIED NUMBER OF COPIES. ADDITIONAL COPIES WILL BE DISCARDED.
- 4 27) TRANSPARENCIES SHALL HAVE AN UNOBSTRUCTED SPACE AT THE RIGHT SIDE  
28) OR BOTTOM OF SIZE NOT LESS THAN 6 INCHES BY 3 INCHES FOR APPROVAL  
29) STAMPS AND DOCUMENT CONTROL NUMBERING.
- 4 30) TRANSPARENCIES OF THE SAME ITEM OR SYSTEM SHALL BE OF UNIFORM SIZE  
31) AND BE NUMBERED CONSECUTIVELY.
- 2 32) PRODUCT DATA
- 3 33) PRODUCT DATA ARE ILLUSTRATIONS, STANDARD SCHEDULES, PERFORMANCE CHARTS  
34) AND TEST DATA, INSTRUCTIONS, BROCHURES, DIAGRAMS AND OTHER INFORMATION  
35) FURNISHED BY THE CONTRACTOR TO ILLUSTRATE AN ITEM OR ELEMENT OF  
36) MATERIAL, EQUIPMENT OR SYSTEM FOR SOME PORTION OF THE WORK.
- 3 37) SUBMIT PRODUCT DATA (GENERALLY 8-1/2 BY 11 INCH SIZE) IN THE FORM OF  
38) THREE, CLEAR, TOTALLY REPRODUCIBLE COPIES MADE BY REPRODUCTIVE MEANS  
39) ON 8-1/2 BY 14 INCH (LEGAL SIZE) PAPER. THE 3 BY 8-1/2 INCH SPACE  
40) RESULTING FROM THE USE OF LEGAL SIZE PAPER SHALL BE LEFT UNOBSTRUCTED  
41) FOR APPROVAL STAMPS AND NOTATIONS.
- 3 42) PRODUCT DATA THAT CANNOT BE SUBMITTED IN REPRODUCIBLE FORM, SUCH AS  
43) PAINT COLOR CARDS, SHALL BE SUBMITTED IN FIVE COPIES.

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DATE 11/28/83 TIME 17:29  
SHOP DRAWINGS, PRODUCT DATA  
AND SAMPLES

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44) SAMPLES

45) SAMPLES ARE PHYSICAL EXAMPLES WHICH ILLUSTRATE MATERIALS, EQUIPMENT OR  
46) WORKMANSHIP AND ESTABLISH STANDARDS BY WHICH THE WORK WILL BE JUDGED.

47) SUBMIT SAMPLES IN TRIPLICATE UNLESS DIFFERENT NUMBER IS SPECIFIED,  
48) TRANSPORTATION CHARGES PREPAID, WITH IDENTIFYING LABEL FIRMLY  
49) ATTACHED.

50) LABELS SHALL BE OF A SIZE TO RECEIVE APPROVAL STAMPS AND NOTATIONS,  
51) IN ADDITION TO THE IDENTIFYING INFORMATION SPECIFIED BELOW.

52) TITLE BLOCK

53) IN ADDITION TO CONTRACTOR'S, SUBCONTRACTOR'S AND MANUFACTURER'S OR  
54) SUPPLIER'S IDENTIFYING AND APPROVAL INDICATIONS, SHOP DRAWINGS,  
55) PRODUCT DATA AND LABELS FOR SAMPLES SHALL HAVE IDENTIFYING TITLE  
56) BLOCKS. TITLE BLOCKS SHALL CONTAIN:

57) PROJECT TITLE.

58) NAME OF CONTRACT.

59) GOVERNMENT'S CONTRACT NUMBER.

60) ARCHITECT'S NAME AND PROJECT NUMBER INCLUDING CONTRACT IDENTIFIER.

61) ADDRESS (SECTION AND LINE NUMBERS) IN THE SPECIFICATION SECTION OF  
62) THE REQUIRED SUBMITTAL.

63) DATE OF INITIAL SUBMITTAL.

64) CONTROL NUMBER.

65) NOTE:

66) SHOP DRAWINGS NOT SUBMITTED IN THE FORM OF REPRODUCIBLE TRANSPARENCIES  
67) WILL NOT BE ACCEPTED FOR REVIEW.

68) PRODUCT DATA NOT SUBMITTED IN THE FORM OF REPRODUCIBLE COPIES WILL NOT  
69) BE ACCEPTED FOR REVIEW, EXCEPT PRODUCT DATA SPECIFICALLY EXEMPTED FROM  
70) THE REPRODUCIBLE COPIES REQUIREMENT.

71) SHOP DRAWINGS, PRODUCT DATA AND SAMPLES NOT BEARING THE CONTRACTOR'S  
72) STAMP OF APPROVAL WILL NOT BE ACCEPTED FOR REVIEW.

73) SHOP DRAWINGS, PRODUCT DATA AND SAMPLES SUBMITTED WITHOUT SPECIFIED  
74) SPACE FOR APPROVAL STAMPS WILL NOT BE ACCEPTED FOR REVIEW.

75) SAMPLES WHICH ARRIVE WITHOUT THE TRANSPORTATION CHARGES PREPAID WILL  
76) NOT BE ACCEPTED FOR REVIEW.

77) THE FIRST TWO SUBMITTALS OF EACH SHOP DRAWING OR PRODUCT DATA WILL BE  
78) PROCESSED WITHOUT COST TO THE CONTRACTOR. BEGINNING WITH THE THIRD  
79) SUBMITTAL THE GOVERNMENT MAY CHARGE THE CONTRACTOR FOR THE COST OF  
80) SUCH SUBSEQUENT PROCESSING OF SHOP DRAWINGS AND PRODUCT DATA UNLESS AN  
81) APPROVED CHANGE ORDER IS ISSUED AFFECTING THE SHOP DRAWINGS AND  
82) PRODUCT DATA.

3. TRANSMITTAL AND APPROVAL

- 1 83)
- 2 84) TRANSMITTAL
- 3 85) TRANSMIT SHOP DRAWINGS, PRODUCT DATA AND SAMPLES USING TRANSMITTAL  
86) FORMS FURNISHED BY THE GOVERNMENT. FILL OUT TRANSMITTAL FORM.
- 4 87) INCOMPLETE OR ERRONEOUS TRANSMITTALS WILL BE RETURNED WITHOUT  
88) ACTION.
- 4 89) PORTIONS OF TRANSMITTAL FORM WILL BE COMPLETED BY THE GOVERNMENT.
- 3 90) RESUBMITTAL PROCEDURE SHALL FOLLOW SAME PROCEDURE AS THE INITIAL  
91) SUBMITTAL.
- 2 92) APPROVAL
- 3 93) GOVERNMENT'S STAMP ON CONTRACTOR'S SUBMITTAL CHECKED "APPROVED"  
94) (CODE NO. 1), OR "APPROVED AS NOTED" (CODE NO. 2). APPROVAL DOES NOT  
95) AUTHORIZE CHANGES TO CONTRACT SUM UNLESS STATED IN SEPARATE LETTER OR  
96) CHANGE ORDER.
- 3 97) UPON RECEIPT OF "APPROVED" OR "APPROVED AS NOTED" SUBMITTALS, MAKE  
98) NECESSARY COPIES FOR DISTRIBUTION TO PARTIES REQUIRING THE APPROVED  
99) INFORMATION.
- 2 100) DISAPPROVAL
- 3 101) GOVERNMENT'S STAMP CHECKED "REVISE AND RESUBMIT" (CODE NO. 3), OR  
102) "NOT APPROVED" (CODE NO. 4). RESUBMIT CORRECTED COPIES FOR FINAL  
103) APPROVAL. CORRECTION SHALL BE LIMITED TO ITEMS MARKED.
- 3 104) THE DISAPPROVAL OF SHOP DRAWINGS, PRODUCT DATA AND SAMPLES OR DELAY IN  
105) SUBMITTING OR RESUBMITTING SHOP DRAWINGS, PRODUCT DATA AND SAMPLES  
106) SHALL NOT BE DEEMED CAUSE FOR AN EXTENSION OF TIME.
- 2 107) THE GOVERNMENT MAY HOLD SHOP DRAWINGS, PRODUCT DATA AND SAMPLES IN CASES  
108) WHERE PARTIAL SUBMITTAL CANNOT BE REVIEWED UNTIL THE COMPLETE SUBMITTAL  
109) HAS BEEN RECEIVED OR WHERE SUCH SUBMITTAL CANNOT BE REVIEWED UNTIL  
110) ASSOCIATED ITEMS HAVE BEEN RECEIVED. WHEN SUCH SUBMITTALS ARE HELD BY THE  
111) GOVERNMENT, IT WILL SO ADVISE THE CONTRACTOR IN WRITING.

\*\*\*END OF SECTION

7 1)

# **Section 01340A - Appendix 'A'** **Government's Submittals Review Stamp**

3"

Date Received			
Document Control No.			
<b>General Services Administration</b> <b>Smith, Hinchman &amp; Grylls Associates, Inc.</b> Architects Engineers Planners			
Reviewing is only for conformance with the design concept of the work and compliance with the information given in the Contract Documents.  The Contractor is responsible for dimensions to be confirmed and correlated at the site; for information that pertains solely to the fabrication processes or to the means, methods, techniques, sequences and procedures of construction; and for coordination of the work of all trades.			
Highest Number Prevails			Code
Approved			1
Approved as Noted			2
Revise and Resubmit			3
Not Approved - Resubmit			4
Dept.	Chkd.By	Date	Code
Arch.			
Struct.			
Mech.			
Elect.			
Civil			
Security			

7"

ARTICLE	INDEX	LINE
1. DELIVERY		1
2. UNLOADING AND POSSESSION		6
***END OF INDEX		

- |   |     | 1. DELIVERY   |
|---|-----|---|
| 1 | 1)  |   |
| 2 | 2)  | ALL DELIVERIES TO THE PROJECT FOR ALL CONTRACTS WILL BE ACCORDING TO      |
|   | 3)  | PRECISE SCHEDULES.  |
| 2 | 4)  | PLAN AND EXECUTE DELIVERIES OF THE SUPPLIES ACCORDING TO THE SCHEDULE     |
|   | 5)  | WORKED OUT WITH THE INSTALLING CONTRACTOR.                                |
| 1 | 6)  | 2. UNLOADING AND POSSESSION   |
| 2 | 7)  | CONTRACTOR'S AUTHORIZED REPRESENTATIVE SHALL BE PRESENT AT ALL TIMES OF   |
|   | 8)  | ARRIVAL OF THE SUPPLIES AT THE PROJECT SITE, SHALL OBSERVE THE WORK OF    |
|   | 9)  | UNLOADING, AND SHALL CERTIFY TO THE CONTRACTING OFFICER, IN WRITING, THAT |
|   | 10) | THE SUPPLIES WERE UNLOADED WITHOUT DAMAGE, IF SUCH IS TRUE.               |
| 2 | 11) | POSSESSION OF THE SUPPLIES SHALL PASS FROM THE CONTRACTOR TO THE          |
|   | 12) | INSTALLING CONTRACTOR AT MOMENT WHEN INSTALLING CONTRACTOR BEGINS TO MAKE |
|   | 13) | ATTACHMENTS FOR UNLOADING.  |
| 2 | 14) | POSSESSION BY INSTALLING CONTRACTOR SHALL IN NO WAY DIMINISH THE SUPPLY   |
|   | 15) | CONTRACTOR'S RESPONSIBILITY FOR PROPER PERFORMANCE OF THE SUPPLIES IN THE |
|   | 16) | ABSENCE OF DAMAGE CAUSED BY INSTALLING CONTRACTOR'S OPERATIONS.           |

\*\*\*END OF SECTION

7 1)



HEADQUARTERS EXPANSION  
BID PACKAGE 3SP  
SUPPLY CONTRACT - PUMPS

CONDENSER WATER PUMPS

ARTICLE INDEX LINE  
CONDENSER WATER PUMPS 1  
\*\*\*END OF INDEX

- CONDENSER WATER PUMPS
- 1) GENERAL
  - 2) FURNISH A TOTAL OF SEVEN (7) CONDENSER WATER PUMPS.
  - 3) PUMPS SHALL HAVE THE CAPACITIES AND CHARACTERISTICS AS HEREINAFTER SPECIFIED.
  - 4) PUMP NAMEPLATES SHALL CONTAIN THE GPM AND HEAD AT THE SELECTION POINT. SINCE PUMP NAMEPLATE IS TO BE COVERED BY FIXED INSULATION, THE GPM AND HEAD AT THE SELECTION POINT SHALL ALSO BE INCLUDED IN THE MOTOR NAMEPLATE DATA.
  - 5) FURNISH CERTIFIED PUMP CHARACTERISTIC CURVES WITH THE PUMPS SHOWING CAPACITIES, HEADS, EFFICIENCIES AND BRAKE HORSEPOWER THROUGHOUT THE ENTIRE RANGE OF THE PUMPS WHEN OPERATING SINGLY AND THRU THE RANGE OF THE ENTIRE SEVEN PUMPS OPERATING IN PARALLEL.
  - 6) PUMPS SHALL BE SELECTED TO PERFORM THE SPECIFIC DUTY FOR WHICH THEY ARE INTENDED.
  - 7) THE RATIO OF THE MAXIMUM PUMP IMPELLER DIAMETER TO THE SELECTED PUMP IMPELLER DIAMETER SHALL BE 1.15 OR GREATER.
  - 8) PUMPS SHALL BE CHECKED FOR LUBRICATION, ALIGNMENT AND OPERATING CONDITIONS BY A FACTORY REPRESENTATIVE AFTER PUMPS HAVE BEEN SET, LEVELLED, GROUTED, CONNECTED TO PIPING, AND SYSTEM FILLED READY TO OPERATE.
  - 9) PUMPS SHALL BE SELECTED TO OPERATE WITHIN TWO PERCENTAGE POINTS OF MAXIMUM EFFICIENCY ON THE IMPELLER CURVE SELECTED AND HAVE A MAXIMUM SUCTION VELOCITY OF EIGHT FEET PER SECOND.
  - 10) NO POINT ON THE HEAD-CAPACITY CURVE SHALL EXCEED THE MOTOR HORSEPOWER SELECTED TO DRIVE THE PUMP.
  - 11) MOTOR HORSEPOWER AT THE SELECTION POINT SHALL NOT EXCEED 95 PERCENT OF THE RATED MOTOR HORSEPOWER.
  - 12) PUMPS SHALL BE DOUBLE SUCTION SPLIT CASE TYPE, MOTOR DRIVEN THRU A FLEXIBLE COUPLING, MOUNTED ON A COMMON ENCLOSED CAST IRON OR STEEL BASE SUITABLE FOR AND WITH ADEQUATE PROVISIONS FOR GROUTING.
  - 13) PUMP CASINGS SHALL BE CLOSE GRAINED CAST IRON SUITABLE FOR 175 LB. WORKING PRESSURE WITH 125 LB. ANSI FLANGES.
  - 14) THE PUMP VOLUTE SHALL BE SUPPLIED WITH PLUGGED VENT, DRAIN AND GAGE TAPPINGS.
  - 15) PUMP SHAFTS SHALL BE OF STAINLESS STEEL.
  - 16) BEARINGS SHALL BE REGREASABLE BALL TYPE.
  - 17) IMPELLERS SHALL BE BRONZE, ENCLOSED DOUBLE SUCTION TYPE, KEYED TO SHAFT AND DYNAMICALLY BALANCED FOR QUIET OPERATION.
  - 18) PUMPS SHALL BE EQUIPPED WITH PACKED STUFFING BOX CONSTRUCTION WITH A MINIMUM OF 4 RINGS OF PACKING PLUS AN EXTERNALLY SUPPLIED FLUSH RING TO PROVIDE PROPER FLUSH LUBRICATION. PUMPS SHALL BE EQUIPPED WITH SUITABLE DRIP PAN WITH TAPPED CONNECTION AND PIPING TO DRAIN.

- 44) PUMPS SHALL EACH HAVE A CAPACITY OF 4450 GPM AT A TOTAL DYNAMIC HEAD  
45) OF 125 FEET WHEN DRIVEN AT 1750 RPM BY A 200 MAXIMUM HORSEPOWER MOTOR.  
46) PUMPS WILL HAVE A TOTAL 14 NPSH AVAILABLE.
- 47) PUMPS SHALL BE INGERSOLL-RAND WORTHINGTON, BUFFALO FORGE, AURORA;  
48) PEERLESS, WEINMAN, OR AS APPROVED.
- 49) MOTORS
- 50) MOTORS SHALL CONFORM TO THE FOLLOWING STANDARDS AND REQUIREMENTS:
- 51) "AMERICAN STANDARDS FOR ROTATING ELECTRICAL MACHINERY, C50",  
52) AMERICAN NATIONAL STANDARDS INSTITUTE.
- 53) "AMERICAN STANDARD TERMINAL MARKINGS FOR ELECTRICAL APPARATUS  
54) C6.1" AMERICAN NATIONAL STANDARDS INSTITUTE.
- 55) "NEMA STANDARDS FOR MOTORS AND GENERATORS", LATEST EDITION.
- 56) "AMERICAN STANDARD DEFINITIONS OF ELECTRICAL TERMS", AMERICAN  
57) NATIONAL STANDARDS INSTITUTE.
- 58) THE MOTOR HORSEPOWER RATINGS SPECIFIED, SCHEDULED, OR SHOWN SHALL BE  
59) UNDERSTOOD TO BE THE MINIMUM ACCEPTABLE AND THE INDICATED MOTOR SPEEDS  
60) THE MAXIMUM ACCEPTABLE.
- 61) MOTORS SHALL BE WOUND FOR 4000 VOLT, WYE, 3 PHASE, 60 HERTZ, 200 HP.
- 62) MOTORS SHALL BE NEMA RATED "U" FRAME. "T" FRAME MOTORS ARE NOT  
63) ACCEPTABLE.
- 64) MOTORS SHALL BE GENERAL PURPOSE, SQUIRREL CAGE INDUCTION TYPE, DESIGN  
65) "B", ACROSS-THE-LINE FULL VOLTAGE STARTING WITH MAXIMUM SLIP OF 5  
66) PERCENT AND LOCKED ROTOR AND BREAKDOWN TORQUES AS DEFINED IN NEMA.
- 67) MOTORS SHALL BE OPEN, DRIP-PROOF NEMA CLASS B INSULATION, RATED 1.15  
68) SERVICE FACTOR.
- 69) SPEED CLASSIFICATION SHALL BE AS INDICATED OR REQUIRED FOR THE SERVICE  
70) AND IN ACCORD WITH THE ESTABLISHED NEMA STANDARD MG1.
- 71) MOTORS SHALL OPERATE SUCCESSFULLY AT RATED LOAD WITH MAXIMUM VOLTAGE  
72) VARIATION OF PLUS OR MINUS 10 PERCENT AT RATED FREQUENCY.
- 73) MOTORS SHALL BE SIZED SO THAT THEIR DESIGN LOADS SHALL NOT EXCEED 95  
74) PERCENT OF THEIR RATED LOADS.
- 75) MOTORS SHALL HAVE CODE LETTERS FOR LOCKED ROTOR KVA PER HORSEPOWER AS  
76) DEFINED IN ACCORD WITH NEMA STANDARD MG1.
- 77) MOTORS SHALL HAVE NAMEPLATES ATTACHED THERETO THAT SHALL GIVE MINIMUM  
78) INFORMATION AS DEFINED IN NEMA STANDARD MG1. WHENEVER THE MOTOR  
79) NAMEPLATE IS NOT VISIBLE, A PLATE WITH DUPLICATE INFORMATION SHALL BE  
80) PROVIDED WHERE IT CAN BE READILY SEEN. NAMEPLATES SHALL NOT BE REMOVED  
81) FROM MOTOR.
- 82) MOTOR ACCESSORIES SHALL INCLUDE:
- 83) GREASE LUBRICATED BALL TYPE BEARINGS.
- 84) TYPE OF MOUNTING AS REQUIRED WITH STANDARD DIMENSIONS IN ACCORD  
85) WITH NEMA SECTION MG1-PART 3.
- 86) JUNCTION BOX OF ADEQUATE SIZE TO TERMINATE THE INDICATED CONDUIT  
87) AND WIRE. SPECIAL BOX EXTENSIONS SHALL BE PROVIDED IF NECESSARY.  
88) JUNCTION BOX SHALL HAVE A SEPARATE LUG FOR GROUND CONNECTION.
- 89) SOLDERLESS CONNECTORS USED ON ALL MOTOR LEADS.

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DATE 11/29/83 TIME 13.443  
CONDENSER WATER PUMPS

- 3 90) MOTOR COMPARTMENTS SHALL BE CLEAN AND DRY AND ADEQUATELY VENTED  
91) DIRECTLY TO THE EXTERIOR.
- 3 92) MOTORS SHALL BE AS MANUFACTURED BY DELCO; LIMA; REULAND; GENERAL  
93) ELECTRIC; ELECTRIC APPARATUS; OR AS APPROVED.
- 3 94) A LOAD TEST SHALL BE CONDUCTED ON ALL MOTORS AND THE CURRENT READINGS  
95) TAKEN. UNDER NO CONDITION SHALL THE LOAD CURRENT EXCEED THE NAMEPLATE  
96) RATING OF THE MOTOR. IF THIS CONDITION EXISTS, THE CONTRACTING OFFICER  
97) SHALL BE NOTIFIED IMMEDIATELY.

\*\*\*END OF SECTION